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- 1. A method for printing on a thermoplastic material comprising the steps of:
- -applying by electrographic means a coloring agent having thermoplastic toner particles to the thermoplastic material;
- -bringing the thermoplastic material into a reactive state; and
- -hardening the thermoplastic material thereby establishing a permanent bond between the coloring agent and the thermoplastic material.
- 2. The method of claim 1 wherein only a surface portion of the thermoplastic material is brought into a reactive state.
  - 3. The method of claim 1 wherein the coloring agent is applied by an electrostatic means.
  - 4. The method of claim1 wherein the toner and material are brought to a malleable state.
  - 5. The method of claim 1 wherein the toner and material are brought to a fluid state.
- 6. The method of claim 2 wherein the surface portion of the thermoplastic material is brought to a malleable state by means of thermal energy.
- 7. The method of claim 2 wherein the surface portion of the thermoplastic material is brought to a fluid state by means of thermal energy.
  - 8. The method of claim 1 further comprising:
  - -processing the thermoplastic material in a heated molding machine;
  - -applying heat to at least the surface of the thermoplastic material to produce the reactive state;
  - -maintaining at least the surface of the thermoplastic material in the reactive state; and
  - -applying toner to the surface to be printed.

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- 9. The method of claim 1 further comprising:
- -heating the thermoplastic material in a molding machine;
- -hardening the thermoplastic material;
- -warming the hardened thermoplastic material in a warming device; and
- -bringing the thermoplastic material into the reactive state at least in regions of its surface.
- 10. The method of claim 8 wherein the toner is brought to the reactive state by means of a warming device.
  - 11. The method of claim 8 wherein:
  - -the surface of the material to be printed is in the reactive state;
  - -the toner is applied to the surface of the heated material to be printed; and
  - -the toner is brought to the reactive state by the material.
  - 12. The method of claim 1 further comprising the steps of:
  - -processing the thermoplastic material in a heated molding machine;
  - -hardening the thermoplastic material;
  - -bringing the toner into the reactive state in a warming device;
  - -applying the toner to the surface of the material to be coated; and
  - -partially bringing the surface of the heated toner to the reactive state.
  - 13. The method of claim 1 wherein:
  - -following the bonding of the coloring agent to the surface of the thermoplastic material;
  - -placing the thermoplastic material and the coloring agent in a cooling section; and
  - -bringing the thermoplastic material into a hardened state.

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- 14. The method of claim 1 wherein the coloring agent is sunk into the surface of the thermoplastic material to form a smooth surface structure.
- 15. The method of claim 1 wherein the thermoplastic toner particles are of the same thermoplastic material as the surface of the material to be coated.